



[54] **ACETYSALICYLIC ACID AND  
MICRONUTRIENT SUPPLEMENTATION  
FOR NUTRITIONAL LOSSES AND  
CORONARY HEART DISEASE**

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[57] **ABSTRACT**

The present invention pertains generally to the field of  
Public Health, including the prevention and treatment of  
coronary heart disease which is currently the first cause of  
death in the American population. More specifically, the  
present invention concerns a total modular system of mul-  
tivitamin and mineral supplementation composed of 7 dis-  
tinct modules for improving public health by insuring  
adequate intake of micronutrients needed for disease pre-  
vention and protection against nutritional losses and defi-  
ciencies due to, for example, lifestyle factors and common  
inadequate dietary patterns. A module, as used herein  
throughout, is defined as a separate and distinct combination  
of vitamin-mineral and other health promoting compounds  
which are directed to specific target populations. The for-  
mulations of the present invention which, when combined in  
one capsule or tablet or as separate modules, exert a joint and  
enhancing effect on the major pathogenetic factors involved  
in the atherosclerotic process. Moreover, certain modular  
formulations of the present invention incorporate both anti-  
oxidants and acetylsalicylic acid (aspirin) as a single pre-  
ventive modality. Such a combination of antioxidants and  
aspirin is believed to act to prevent oxidation of low density  
lipoproteins within coronary arterial walls and to cause  
platelet deagglutination thereby inhibiting thrombus forma-  
tion. The benefit of preventing these two major processes is  
believed to reduce the risk of coronary heart disease.